

SiMPLE Detector Simulation Tasks

1. Is it possible to have dE/dx MPGD measurements in a 3T field?
 - Should we investigate via Garfield simulations?
2. Need to optimize detector layout
 - Barrel Region:
 - Number and location of additional Si vertex layers
 - How many cylindrical Si to MPGD layers and their locations
 - Endcap Region:
 - Location and spacing of GEMs in forward/backward region
 - Is there a benefit to Si trackers in the backward direction
 - TRD is a good choice in the forward direction (behind RICH), should we simulate GEMs?

